

REMARKS

35 USC 103 Rejection

Claims 1-3, 5, 8-10, 13-16, 19-22, 24-26 and 28-30 were rejected under 35 U.S.C. 103 (a) as being unpatentable over Gupta U.S. patent No. 5,963,949 in view of Hitt U.S. Patent No. 6,249,779.

Gupta discloses a method for gathering data around forms in a wrapper program for accessing semi-structured information, each form having zero or more fields, each field having one or more possible field values, comprising the steps of: computing a plurality of combinations for all field values in a particular form; for a particular combination in said plurality of combinations, submitting said particular form with said particular combination of field values; providing the results returned from the submitting step for further processing.

Gupta (Column 6 lines 11-28) teaches processes software implementing functional processes operatively disposed in its program and data storage. In Column 8 lines 15-67, Gupta teaches a process of generating a wrapper for extracting attributes of interest from semi-structured information, such as from web data objects, for incorporation into a relational database and a process of defining, generating and using a wrapper to access semistructured information from disparate semistructured information sources.

In addition, Gupta (in column 1, lines 17-39) describes the background information of the invention. It does not suggest or teach the limitations of "forming filing program residing on the first server for creating a filled form in said blank form using an automated fill procedure" and "submitting the automatically filled to a second server".

In the office action, Examiner states that Hitts discloses an automated document identification and retrieval system for filling an empty form for information extracted from database using fuzzy fill procedure (fuzzy logic or artificial intelligence) (see col. 4, lines 51-36). Applicant assumes that Examiner intended to indicate that it is the column 4, lines 36-51, instead of line 51-36.

In Hitt column 4, lines 36-51. Hitts disclosed a preferred embodiment of the invention that is directed to a computer system using the UNIV operating system, preferably using a SUN workstation. Specifically, the preferred embodiment of the invention was implemented in software and written in the programming language C++.

- 5 Nothing in this paragraph suggested or teaches, as stated by Examiner, an automated document identification and retrieval system for filling an empty form for information extracted from database using fuzzy fill procedure (fuzzy logic or artificial intelligence).

The instant application claims a system for automating data transactions between computer servers that includes a first computer server maintaining a database having
10 stored data recorded therein, said stored data comprising general user information relating to a plurality of computer servers; program code residing on said first computer server for creating extracted data by selectively extracting said stored data responsive to a request; additional program code residing on said first computer server for obtaining a blank form, and for parsing said blank form to identify which of said extracted data should
15 be used to fill in at least a part of said blank form; form filling program instructions residing on said first computer server for creating a filled form by filling in said blank form using a fuzzy fill procedure; and form submitting program instructions residing on said first computer server, using a result of said form filling program instructions, for automatically submitting said filled form to a second computer server.

20 Claims 1, 13 and 24

The independent Claims 1, 13 and 24 limit the system (method) for automating data transactions between computer servers with the following features which are not disclosed by Gupta and Hitt:

"form filling program instructions residing on said first computer server for creating a filled form by filling in said blank form using a fuzzy fill procedure" and

"form submitting program instructions residing on said first computer server, using a result of said form filling program instructions, for automatically submitting said filled form to a second computer server".

The definition of the stored data is also clarified by "said stored data comprising general user information relating to a plurality of computer servers" and the limitation of "stored data" is again not disclosed in the cited reference. These features, in combination, make the claimed subject matter patentably distinguished from the cited reference. Further, the claimed subject matter is fully supported by the disclosure of the invention. Therefore, the independent Claims 1, 13 and 24 should be allowed.

Claims 2, 14 and 25

Claims 2, 14 and 25 depend on the independent Claims 1, 13 and 24, now also comprise the distinguished features of "form filling program instructions residing on said first computer server for creating a filled form by filling in said blank form using a fuzzy fill procedure" and "form submitting program instructions residing on said first computer server, using a result of said form filling program instructions, for automatically submitting said filled form to a second computer server". Because Claims 1, 13 and 24 are allowable, Claims 2, 14 and 25 should also be allowed.

Claims 3, 15 and 26

Claims 3, 15 and 26 depend on the independent Claims 1, 13 and 24, now also comprise the distinguished features of "form filling program instructions residing on said first computer server for creating a filled form by filling in said blank form using a fuzzy fill procedure" and "form submitting program instructions residing on said first computer server, using a result of said form filling program instructions, for automatically submitting

said filled form to a second computer server". Because Claims 1, 13 and 24 are allowable, Claims 3, 15 and 26 should be also allowed.

Claims 5, 16 and 28

5 Claims 5, 16 and 28 depend on the independents Claim 1, 13 and 24, now also comprise the distinguished "form filling program instructions residing on said first computer server for creating a filled form by filling in said blank form using a fuzzy fill procedure" and "form submitting program instructions residing on said first computer server, using a result of said form filling program instructions, for automatically submitting said filled form to a second computer server". Further, the cited reference did not disclose "said blank form is a login form". Because Claims 1, 13 and 24 are allowable, Claims 3, 15 and 26 should be also allowed.

Claims 8, 19, 28 and 30

15 Claims 8, 19, 28 and 30 directly depend on the independent Claims 1, 13 and 24, now also comprise the distinguished features of "form filling program instructions residing on said first computer server for creating a filled form by filling in said blank form using a fuzzy fill procedure" and "form submitting program instructions residing on said first computer server, using a result of said form filling program instructions, for automatically submitting said filled form to a second computer server". Further, the additional database combined with the first database maintained at said first computer server are unique to the current invention, and are not disclosed by the cited references. Claim 30, which depends on Claim 24 via Claim 28, further limits the additional database to "include parsing login form data" which is also a unique feature and fully supported by the disclosure of the current invention. Therefore, Claims 8, 19, 28 and 30 should be also allowed.

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Claims 9, 20 and 29

Claims 9, 20 and 29 depend on Claims 8, 19, 28 which further depend on independent Claims 1, 13, 24, now also comprise the distinguished features of "form filling program instructions residing on said first computer server for creating a filled form by filling in said blank form using a fuzzy fill procedure" and "form submitting program instructions residing on said first computer server, using a result of said form filling program instructions, for automatically submitting said filled form to a second computer server". Further, the additional database combined with the first database maintained at said first computer server are unique to the current invention, and are not disclosed by the cited references.

10 Please note that "comparing data fields in said blank form with said stored form data recorded in said additional database" is a necessary step because the invention cannot be carried out without comparing data fields. For example, the value for data fields may be retrieved by sequence, position in database, etc, without comparing data fields. Therefore, Claims 9, 20 and 29 should be also allowed.

15 Claims 10, 11, 12, 21, 22 and 23

Claims 10, 11 and 12 indirectly depend on the independent Claim 1 via Claim 8. Because Claims 1 and 8 are allowable, Claims 10, 11 and 12 should also be allowed.

Claims 21, 22 and 23 indirectly depend on the independent Claim 13 via Claim 19. Because Claims 13 and 19 are allowable, Claims 21, 22 and 23 should also be allowed.

CONCLUSION

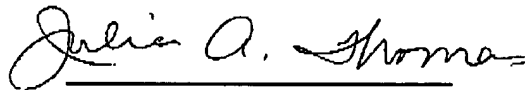
Applicant respectfully submits that, in view of the amendments and discussion set forth herein, the pending claims are patentable over the prior art.

The examiner is invited to call Ivy Mei at 650-474-8400 to discuss the pending claims.

The Commissioner is hereby authorized to charge any additional fees due or credit any overpayment to Deposit Account No. 07-1445.

If there are any questions regarding this correspondence, please contact the undersigned at 650-474-8400.

Respectfully submitted,



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